

# Converting Colors

Hex(564540)

Have a look what the booklet for  
Hex(564540) contains.

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# Color

**Hex(564540)**

# Conversions

## Conversions Part 1

Format	Color
Hex	564540
RGB	86, 69, 64
RGB Percent	34%, 27%, 25%
CMY	0.6627, 0.7294, 0.7490
CMYK	0.00, 0.20, 0.26, 0.66
HSL	14°, 15%, 29%
HSV	14°, 26%, 34%
XYZ	6.8913, 6.6048, 5.7621
YIQ	73.5130, 11.7370, 2.0490

# Conversions

## Conversions Part 2

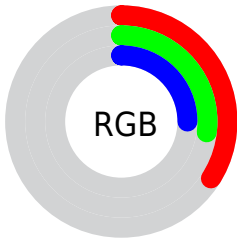
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 70, 64
Decimal	5653824
CIE Lab	30.89, 6.38, 5.76
CIE LCh	31, 8.594, 42.053
Yxy	6.6048, 0.3578, 0.3430
Android (android.graphics.Color)	4283843904 (0xFF564540)
YUV	73.5130, -4.6899, 10.9511
Hunter-Lab	25.6999, 2.8890, 4.6966

# Details

The Hex color **564540** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **405156**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **887570**, and **281A16** is the 20% darker color. If you saturate the color by 10%, you get **563E37**, and if you desaturate by 10%, it is **564C49**.

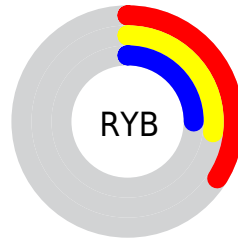
# Distribution



Red (34%)

Green (27%)

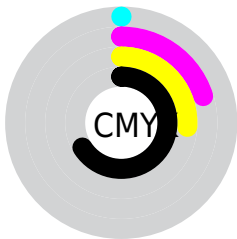
Blue (25%)



Red (34%)

Yellow (27%)

Blue (25%)

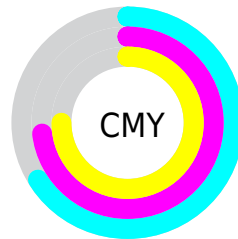


Cyan (0%)

Magenta (20%)

Yellow (26%)

Black (66%)



Cyan (66%)

Magenta (73%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 564540 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 564540 by changing the saturation by 10% instead.



■ 564540

■ 564540

FFFFFF

■ 3E2F2A

■ 887570

■ 281A16

■ A28F89

■ 130000

■ BEA9A3

■ 000000

■ DAC4BE

■ F6E0DA

■ FFFDF7

■ 564540

■ 564540

■ 563E37

■ 564C49

■ 56382F

■ 565251

■ 563126

■ 56595A

■ 562A1E

■ 566062

■ 562415

■ 56666B

■ 561D0C

■ 566D74

■ 561604

■ 56747C

■ 561400

■ 567A85

■ 56818D

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



574446



564540



52473C

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



564540



3C4C44



454856

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



564540



405156

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



3D4A55



564540



384D4B

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



564540



444B3F



384C51



4D4653

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



564540



4E483B



384C51



424956



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



564540



706967



564051



383432



B8B8B8



383838



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



564540



70554D



565040



2B2827



6B1800



EB3500



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



405156



4D6870



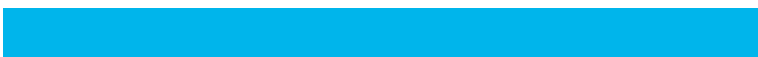
404656



272A2B



00536B



00B5EB



# Previews

## White Background



This preview shows how the Hex color 564540 looks on a white background.

## Color Contrast Check

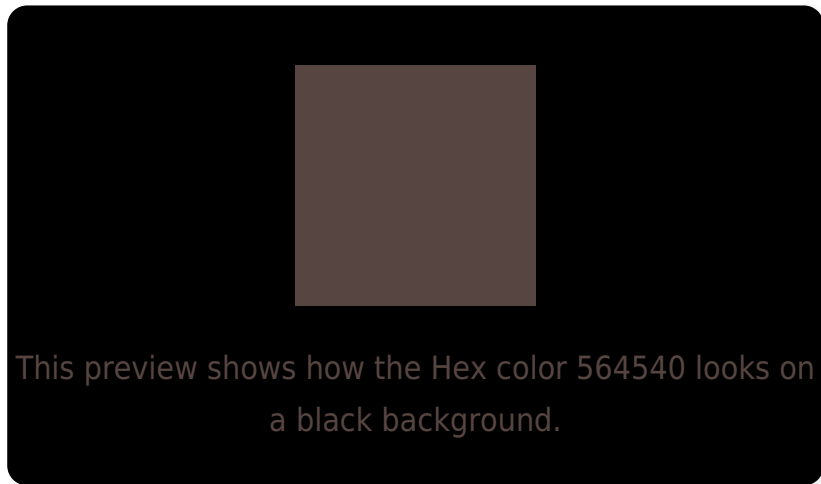
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

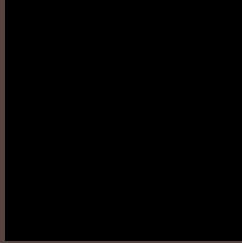
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 564540 Background



This preview shows how black text looks on a background with the Hex color 564540.

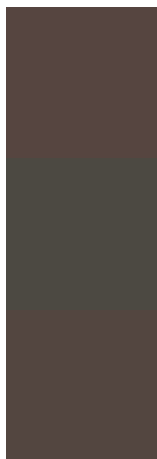


This preview shows how white text looks on a background with the Hex color 564540.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**

564540

**Protanopia**

4C4942

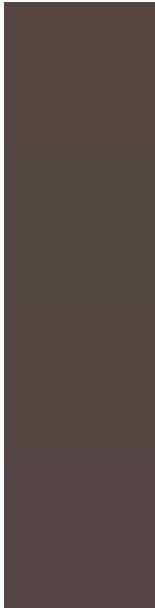
**Deuteranopia**

534640



**Tritanopia**  
574449

# Trichromacy



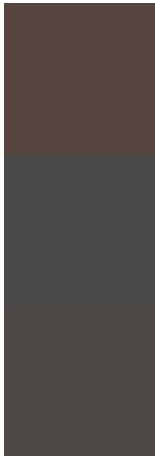
**Original Color**  
564540

**Protanomaly**  
504841

**Deuteranomaly**  
544640

**Tritanomaly**  
574446

# Monochromacy



**Original Color**  
564540

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
4E4846

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 564540 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #564540 looks like.

```
.text, #text, p{  
    color:#564540  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #564540 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564540
}
```

## Border

The CSS property to change the border of an element to Hex 564540 is called "border". The border property can be set on classes, ids or directly on the HTML element.

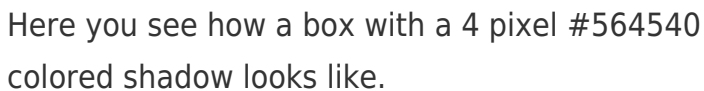
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#564540 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#564540 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #564540 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564540; -webkit-box-shadow:4px 4px  
4px 4px #564540; box-shadow:4px 4px 4px  
4px #564540 }
```

# Background

The CSS property to change the background color of an element to Hex 564540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564540 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#564540 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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